

Converting Colors

Hex(04FFFF)

Have a look what the booklet for
Hex(04FFFF) contains.

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Color

Hex(04FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	04FFFF
RGB	4, 255, 255
RGB Percent	2%, 100%, 100%
CMY	0.9843, 0.0000, 0.0000
CMYK	0.98, 0.00, 0.00, 0.00
HSL	180°, 100%, 51%
HSV	180°, 98%, 100%
XYZ	53.8601, 78.7658, 106.9723
YIQ	179.9510, -149.5960, -53.2120

Conversions

Conversions Part 2

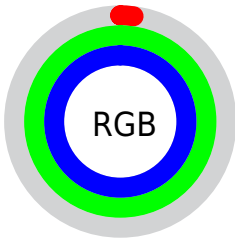
Format	Color
RYB	4, 130, 255
Decimal	327679
CIELab	91.13, -48.00, -14.12
CIELCh	91, 50.035, 196.391
Yxy	78.7658, 0.2248, 0.3287
Android (android.graphics.Color)	4278517759 (0xFF04FFFF)
YUV	179.9510, 36.9992, -154.3090
Hunter-Lab	88.7501, -46.9858, -9.3384

Details

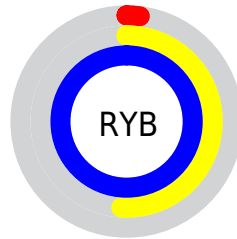
The Hex color **04FFFF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0404**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **7AFFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **00FFFF**, and if you desaturate by 10%, it is **1DFFFF**.

Distribution



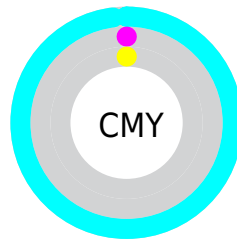
- Red (2%)
- Green (100%)
- Blue (100%)



- Red (2%)
- Yellow (51%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (98%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04FFFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 04FFFF by changing the saturation by 10% instead.

 04FFFF

 04FFFF

FFFFFF

 00E2E2

 7AFFFF

 00C5C6

 9EFFFF

 00AAAB

 BFFFFFF

 008E91

 E0FFFF

 007477

 005A5E

 004247

 002C30

 00091C

 04FFFF

 04FFFF

 00FFFF

 1DFFFF

 37FFFF

 51FFFF

 6AFFFF

 84FFFF

 9DFFFF

 B6FFFF

 D0FFFF

 EAEAE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74FECD



04FFFF



00BFFF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



04FFFF



FFCFFF



FFDB88

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



04FFFF



FF0404

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCBA2



04FFFF



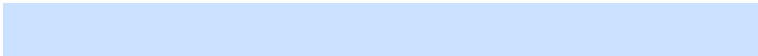
FFC2FE

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



04FFFF



CAE1FF



FFC0CD



EAEB88

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



04FFFF



51F5FF



FFC0CD



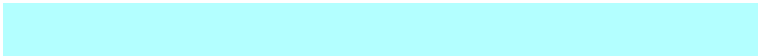
FFD58E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



04FFFF



B3FFFF



04FF04



528080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



04FFFF



00FFFF



0482FF



738080



00BFBF



004040

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF04FF



FF00FF



FF8204



807380



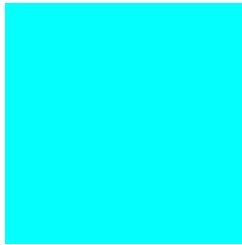
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 04FFFF looks on a white background.

Color Contrast Check

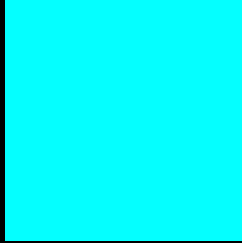
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 04FFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

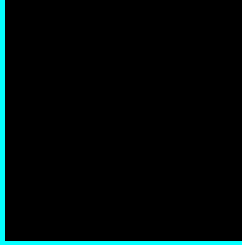
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 04FFFF Background



This preview shows how black text looks on a background with the Hex color 04FFFF.

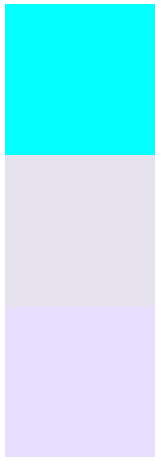


This preview shows how white text looks on a background with the Hex color 04FFFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

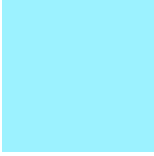
Dichromacy



Original Color
04FFFF

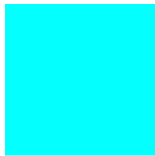
Protanopia
E5E2ED

Deuteranopia
E8DFFF



Tritanopia
9CF2FF

Trichromacy



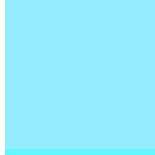
Original Color

04FFFF



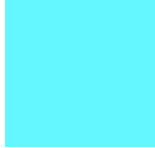
Protanomaly

93EDF4



Deuteranomaly

95EBFF



Tritanomaly

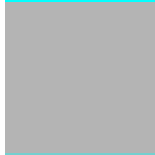
65F7FF

Monochromacy



Original Color

04FFFF



Achromatopsia

B4B4B4



Achromatomaly

74CFCF

CSS Examples

Text

The CSS property to change the color of the text to Hex 04FFFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #04FFFF looks like.

```
.text, #text, p{  
    color:#04FFFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #04FFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04FFFF }  
}
```

Border

The CSS property to change the border of an element to Hex 04FFFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #04FFFF }  
}
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#04FFFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #04FFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04FFFF; -webkit-box-shadow:4px 4px  
4px 4px #04FFFF; box-shadow:4px 4px 4px  
4px #04FFFF }
```

Background

The CSS property to change the background color of an element to Hex 04FFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04FFFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#04FFFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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